

Ceiling-Recessed Air Conditioner & Heat Pump

12,000-18,000 BTU/H 16 SEER/8.5 HSPF

utilizing DC Inverter Technology

SANYO ceiling recessed air conditioners and heat pumps offer the utmost in versatility in solving your cooling and heating needs. By utilizing environmentally friendly R-410a refrigerant and DC Inverter technology, the SANYO air conditioner or heat pump, automatically adjusts its performance to meet the changing needs of the space while maintaining the desired temperature. This leads to increased efficiencies, low energy consumption and a very comfortable environment.

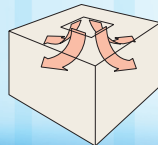


Features

- Microprocessor Controlled Operation
- Wireless Remote Controller
- Dry Mode
- Air Sweep Control
- Automatic Fan Operation/3 Fan Speeds
- Automatic Heating/Cooling Changeover
- Electronic Refrigerant Control Valve
- 1 Hour Off Timer
- 24 Hour Programmable Clock
- Night Set Back Capability
- Anti Mold Filter
- Hot Start Heating System
- Automatic Restart in the Advent of a Power Failure
- Self Diagnostic Function
- Built In 0°F Low Ambient Control (CL and CH Models)
- Integrated Condensation Drain Pump (Up to 20" of Lift From Drain Pan)
- Whisper Quiet Operation
- Fresh Air Capability

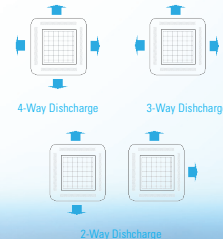
Optional Accessories

- Insulated Line Sets
- Locking Wireless Remote Bracket
- Mini In Line Condensate Pumps
- Wired Remote Control



4 Way Airflow Design Sends Cool Air in all Directions

Air is returned through the center of the grille, while evenly distributing air through each of the 4 air supply air openings. Installation in the center of the room provides for the greatest comfort. However, 1 or 2 supply louvers can be closed for installation near 1 wall to provide 3 or 2 way airflow. Also, by closing off 1 supply louver, you may attach a duct (field supply) to the upper plenum and provide conditioned air to another, separate space.



Ceiling Recessed Air Conditioners & Heat Pumps

Model No.	Unit Model No.	12XS71		12XLS71		12XHS71	
		Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
		XS1271	CL1271	XS1271	CL1271	XHS1271	CH1271
Grille Assembly		PNR-XS1872		PNR-XS1872		PNR-XS1872	
Performance & Electrical Ratings							
Capacity	Cooling	Btu/h	11900 (3,000-11,900)	Btu/h	11900 (3,000-11,900)	Btu/h	11900 (3,000-11,900)
	Heating	Btu/h	-	Btu/h	-	Btu/h	136500 (3,000-13,600)
Moisture Removal	High	Pint/H	4.26	Pint/H	4.26	Pint/H	4.26
	Hi/Med/Low	CFM	235/206/194	CFM	235/206/194	CFM	235/206/194
SEER			16		16		16
HSPF			8.5		8.5		8.5
EER			9.44		9.44		9.44
COP	Heating	W/W	-	W/W	-	W/W	2.74
Power Supply	V,Phase,HZ		115V, Single phase, 60Hz	V,Phase,HZ	115V, Single phase, 60Hz	V,Phase,HZ	115V, Single phase, 60Hz
Running Amps	Cooling	A	12.6 (2.5-12.6)	Cooling	12.6 (2.5-12.6)	Cooling	12.6 (2.5-12.6)
	Heating	A	-	Heating	-	Heating	14.6 (2.5-14.6)
Power Input	Cooling	W	1,260 (250-1,260)	Cooling	1,260 (250-1,260)	Cooling	1,260 (250-1,260)
	Heating	W	-	Heating	-	Heating	1,460 (250-1,460)
Back-up Heater		kW	n/a		n/a		n/a
Fuse or Circuit Breaker Capacity	A		20	A	20	A	20
Features							
Controls		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control (for Cooling)		N/A		Equipped		Equipped	
Wireless Remote Controller		Included		Included		Included	
Wired Remote Controller		STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)	
Fan Speeds		Hi/Me/Lo & Auto		Hi/Me/Lo & Auto		Hi/Me/Lo & Auto	
Timer		1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM	
Air Deflection	Horizontal		n/a	Horizontal	n/a	Horizontal	n/a
	Vertical		Automatic	Vertical	Automatic	Vertical	Microprocessor
Air Filter			Washable, Anti-Mold		Washable, Anti-Mold		Washable, Anti-Mold
Refrigerant			R410a		R410a		R410a
Refrigerant Control		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound (Cooling)	In (Hi/Me/Lo)	dB-A	34/32/31	Operation Sound (Cooling)	In (Hi/Me/Lo)	dB-A	34/32/31
	Outdoor (Hi)	dB-A	47		Outdoor (Hi)	dB-A	51
Refrigerant Piping	Type		Flare Type	Refrigerant Piping	Type		Flare Type
	Discharge	inches	1/4" Discharge		Discharge	inches	1/4" Discharge
Refrigerant Pipe Length	Suction	inches	3/8" Suction	Refrigerant Pipe Length	Suction	inches	3/8" Suction
		Ft.	65'			Ft.	65'
Elevation Difference	Outdoor Above		23'	Elevation Difference	Outdoor Above		23'
	Outdoor Below		23'		Outdoor Below		23'
Dimensions & Weight							
Height	inches		12 5/16"	Height	inches		12 5/16"
Width	inches		24 19/32"	Width	inches		24 19/32"
Depth	inches		24 19/32"	Depth	inches		24 19/32"
	Lbs.		41.3		Lbs.		41.3

Model No.	Unit Model No.	18XS72		18XLS72		18XHS72	
		Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
		XS1872	C1872	XS1872	CL1872	XHS1872	CH1872
Grille Assembly		PNR-XS1872		PNR-XS1872		PNR-XS1872	
Performance & Electrical Ratings							
Capacity	Cooling	Btu/h	17500 (4,000-17,500)	Capacity	Cooling	Btu/h	17500 (4,000-17,500)
	Heating	Btu/h	-		Heating	Btu/h	20400 (4,400-20,400)
Moisture Removal	High	Pint/H	4.89	Moisture Removal	High	Pint/H	4.89
	Hi/Med/Low	CFM	341/294/253		Hi/Med/Low	CFM	341/294/253
SEER			16	SEER			16
HSPF			8.5	HSPF			8.5
EER			9.41	EER			9.41
COP	Heating	W/W	-	COP	Heating	W/W	2.56
Power Supply	V,Phase,HZ		230V, Single phase, 60Hz	Power Supply	V,Phase,HZ		230V, Single phase, 60Hz
Running Amps	Cooling	A	8.3 (1.2-8.3)	Running Amps	Cooling	A	8.3 (1.2-8.3)
	Heating	A	-		Heating	A	10.5 (1.3-10.5)
Power Input	Cooling	W	1,860 (250-1,860)	Power Input	Cooling	W	1,860 (250-1,860)
	Heating	W	-		Heating	W	2,340 (270-2,340)
Back-up Heater		kW	n/a	Back-up Heater		kW	n/a
Fuse or Circuit Breaker Capacity	A		20	Fuse or Circuit Breaker Capacity	A		20
Features							
Controls		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control (for Cooling)		N/A		Equipped		Equipped	
Wireless Remote Controller		Included		Included		Included	
Wired Remote Controller		STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)		STK-RCS-7TWSU(optional)	
Fan Speeds		Hi/Me/Lo & Auto		Hi/Me/Lo & Auto		Hi/Me/Lo & Auto	
Timer		1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM		1 hr OFF and 24-hr PROGRAM	
Air Deflection	Horizontal		n/a	Air Deflection	Horizontal		n/a
	Vertical		Automatic		Vertical		Automatic
Air Filter			Washable, Anti-Mold	Air Filter			Washable, Anti-Mold
Refrigerant			R410a	Refrigerant			R410a
Refrigerant Control		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound (Cooling)	In (Hi/Me/Lo)	dB-A	44/40/36	Operation Sound (Cooling)	In (Hi/Me/Lo)	dB-A	44/40/36
	Outdoor (Hi)	dB-A	47		Outdoor (Hi)	dB-A	51
Refrigerant Piping	Type		Flare Type	Refrigerant Piping	Type		Flare Type
	Discharge	inches	1/4" Discharge		Discharge	inches	1/4" Discharge
Refrigerant Pipe Length	Suction	inches	1/2" Suction	Refrigerant Pipe Length	Suction	inches	1/2" Suction
		Ft.	98'			Ft.	98'
Elevation Difference	Outdoor Above		50'	Elevation Difference	Outdoor Above		50'
	Outdoor Below		50'		Outdoor Below		50'
Dimensions & Weight							
Height	inches		12 5/16"	Height	inches		12 5/16"
Width	inches		24 19/32"	Width	inches		24 19/32"
Depth	inches		24 19/32"	Depth	inches		24 19/32"
	Lbs.		41.3		Lbs.		41.3

SANYO

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